

CENTRAL FAX CENTER

NOV 22 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas R. Omstead; Karl B. Levy
Assignee: Novellus Systems, Inc.
Title: Atomic Layer Deposition Systems And Methods
Serial No.: 10/028,610 Filing Date: December 19, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-11953 US Confirmation No. 2914

Irvine, California
November 22, 2004

Facsimile: 703-872-9306
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following Response to Office Action and Transmittal (total 15 pages)
are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: November 22, 2004


Tom Chen, Reg. No. 42,406

Total No. of Pages: 15 (including this page)

**PLEASE CONFIRM RECEIPT OF THIS PAPER BY
RETURN FACSIMILE AT (949) 752-7049**

MacPherson Kwok Chen & Heid LLP
1762 Technology Drive
Suite 226
San Jose, California 95110
Telephone: (949) 752-7040
Fax: (408) 392-9262

LAW OFFICES OF
MACPHERSON KWOK CHEN
& HEID LLP
1762 TECHNOLOGY DRIVE
SUITE 226
SAN JOSE, CA 95110
(949) 752-7040
FAX (408) 392-9262

BEST AVAILABLE COPY

Fax to USPTO

-1-

Serial No. 10/232,445

MacPherson Kwok Chen & Heid LLP

1762 Technology Drive, Suite 226

San Jose, CA 95110

Tel. (408) 392-9250

Fax (408) 392-9262

2402 Michelson Drive, Suite 210

Irvine, CA 92612

Tel. (949) 752-7040

Fax (949) 752-7049

Email: mailbox@macpherson-kwok.com

**RECEIVED
CENTRAL FAX CENTER**

NOV 22 2004

November 22, 2004

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Re: Applicant(s): Thomas R. Omstead; Karl B. Levy
Assignee: Novellus Systems, Inc.
Title: Atomic Layer Deposition Systems And Methods
Serial No.: 10/028,610 Filed: December 19, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-11953 US Confirmation No. 2914

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Certificate of Facsimile;
- (2) This Transmittal Letter; and
- (3) Response to Office Action (13 pages).

No fees are believed due. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2257.

Certification of Facsimile Transmission	
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
 Monique M. Butler	<u>November 22, 2004</u> Date of Signature

Respectfully submitted,



Tom Chen
Attorney for Applicant(s)
Reg. No. 42,406

NOV 22 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas R. Omstead; Karl B. Levy
Assignee: Novellus Systems, Inc.
Title: Atomic Layer Deposition Systems and Methods
Serial No.: 10/028,610 Filing Date: December 19, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-11953 US Confirmation No.: 2914

Irvine, California
November 22, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated August 23, 2004, please amend the above-identified application as follows.

MacPHERSON, KWOK CHEN
& HING LLP
1762 TECHNOLOGY DRIVE
SUITE 225
SAN JOSE, CA 95110
(408) 752-7040
FAX (408) 292-0262

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.